

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---------------------------|------------------|---------|---------------------|
| L1 | 561 | ((TAKASHI) near2 (WATANABE)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L2 | 4 | ((YOSHIO) near2 (AKAI)). INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L3 | 8 | ((SHIROU) near2 (SAKAI)). INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L4 | 5 | (L1 L2 L3) and alkali.cdm. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L5 | 429 | (alkali near3 metal) and powder and (pellet same compression near2 molding) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L6 | 183 | L5 and @ad<"20030117" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L7 | 23 | L6 and (vandate vanadium) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L8 | 23 | L6 and (vanadate vanadium) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L9 | 106 | "313"/\$.ccis. and (vanadate vanadium) with (gas alkali) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L10 | 35 | L9 and @ad<"20030117" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L11 | 5 | "5407633" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L12 | 11 | ("2682511" "2957231" "3148056" "4260665" "5407633" "5757115").PN. OR ("5881355").URFN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L13 | 0 | ("6232708").URFN. | USPAT | OR | ON | 2010/03/18 15:09 |
| L14 | 1 | L6 and (vanadate) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L15 | 57 | (cathode pellet gas) near3 (device layer member pellet) with (barium strontium calcium (alkal\$4 near3 metal)) and (compress\$5 near2 mold\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L16 | 27 | L15 and @ad<"20030117" not L6 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L17 | 1166 | ((cathode pellet gas) with (barium strontium calcium (alkal\$4 near3 metal))) and (compress\$5 near2 mold\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |

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| L18 | 20 | L17 and "313"/\$.ccls. and (RVO vanadium vanadate V) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L19 | 8 | L17 and "313"/\$.ccls. and ("RVO.sub.3 " vanadium vanadate) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L20 | 118 | "4391729" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L21 | 0 | "0841676" | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/18 15:09 |
| L22 | 9 | "841676" | FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/18 15:09 |
| L23 | 4 | "5925976" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L24 | 4 | photocathode and (gas cathode) near3 (pellet) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L25 | 5 | "4000335" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L26 | 22 | 313/542-544,103R,105CM,532-534.ccls. and ("RVO.sub.3 " vanadate vanadium) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L27 | 10 | L26 and @ad< "20030117" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L28 | 604 | 313/542-544,527,103R,532-534.ccls. and @ad< "20030117" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L29 | 31 | L28 and ((cathode pellet gas) with (barium strontium calcium (alkal\$4 near3 metal))) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L30 | 22 | L28 and ((cathode) with (barium strontium calcium (alkal\$4 near3 metal))) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L31 | 6 | L28 and ("RVO.sub.3 " vanadium vanadate) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L32 | 7 | "5668434" "4900285" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L33 | 9 | ("4101800" "4302702" "4310603" "4379979" "4460831" "4583023" "4587455" "4900285" "6366011").PN. OR ("7215070").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L34 | 9 | ("4101800" "4302702" "4310603" "4379979" "4460831" "4583023" "4587455" "4900285" "6366011").PN. OR ("7215070").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |

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| L35 | 1 | "6558594" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L36 | 1 | "20010004137" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L37 | 8 | "3577842" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L38 | 2 | "5831379" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L39 | 22 | ("3056900" "3244930" "3689794" "4151440" "4236287" "4388551" "4459322" "4636681" "4836816" "4843277" "5007874" "5057736" "5065070" "5074818" "5092805" "5096450" "5236382" "5289076" "5475281").FN. OR ("5831379").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L40 | 1 | ("3658713").URPN. | USPAT | OR | ON | 2010/03/18 15:09 |
| L41 | 68 | "313"/\$.c.c.s. and electron near3 tube with alkali | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L42 | 41 | "313"/\$.c.c.s. and (electron near3 tube) and photo-cathode and alkali | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L43 | 128 | (electron near3 tube).ti.ab. and (alkali vanadate) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L44 | 4 | (electron near3 tube).ti.ab. and (vanadate) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L45 | 12 | (therm\$5 (alkali near3 metal) near3 (emitt\$4 emiss\$4)) same ("RVO.sub.3 " "NaVO.sub.3 " "KVO.sub.3 " "RbVO.sub.3 " "CsVO.sub.3 ") | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L46 | 2 | ("5238761").URPN. | USPAT | OR | ON | 2010/03/18 15:09 |
| L47 | 29 | "3658713" "3387161" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L48 | 10 | dispens\$3near3 (cathode system) and (therm\$5 (alkali near3 metal) near3 (emitt\$4 emiss\$4)) same ("RVO.sub.3 " "NaVO.sub.3 " "KVO.sub.3 " "RbVO.sub.3 " "CsVO.sub.3 ") | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L49 | 13 | (generat\$4 near3 gas) with alkali near3 layer | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L50 | 1 | "10537587" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |

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| L51 | 105 | (electron near3 tube) and vapor near3 (channel aperture groove port opening) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L52 | 46 | L51 and @ad< "20030117" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L53 | 4 | "5066888" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L54 | 9 | (dispenser near3 cathode) and vanadium | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L55 | 422 | Dispenser with cathode | USPAT | OR | ON | 2010/03/18 15:09 |
| L56 | 129 | (Dispenser with cathode).ti,ab. | USPAT | OR | ON | 2010/03/18 15:09 |
| L57 | 75 | (Dispenser with cathode).ti,ab. and @ad< "20030116" | USPAT | OR | ON | 2010/03/18 15:09 |
| L58 | 192 | (Dispenser with cathode).ti,ab. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L59 | 79 | (Dispenser with cathode).ti,ab. and @ad< "20030116" | US-PGPUB; USPAT | OR | ON | 2010/03/18 15:09 |
| L60 | 4 | "6198221" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L61 | 604 | 313/542-544,527,103R,532-534.cdis. and @ad< "20030117" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L62 | 22 | L61 and ((cathode) with (barium strontium calcium (alkal\$4 near3 metal))) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L63 | 1 | "5925926".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L64 | 1 | "5925976".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |
| L65 | 1 | "5066888".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/18 15:09 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|-------------|------------------|---------|------------------|
| L66 | 1593 | ((cathode) with (barium strontium calcium (alkal\$4 near3 metal))).cm. | USPAT; UPAD | OR | ON | 2010/03/18 15:14 |
| L67 | 0 | ((dispenser near3 cathode) and vanadium).cm. | USPAT; UPAD | OR | ON | 2010/03/18 15:14 |

3/ 18/ 2010 3:20:51 PM

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